

We claim:

1. Loop forming material, wherein said material comprises crimped tows of continuous filaments, said material having a thickness comprised between 0,1 mm and 5,3 mm and a weight comprised between 15 g/m² and 100 g/m².
2. Loop forming material as defined in claim 1, wherein said crimped tows are bonded together at bonding points or along bonding lines.
3. Loop forming material as defined in claim 2, wherein said bonding points or lines are spaced at regular intervals.
4. Loop forming material as defined in claim 2, wherein said bonding points or lines are disposed in a regular pattern.

5. Loop forming material as defined in claim 4, wherein said pattern is hexagonal or have a bees nest shape.

6. Loop forming material as defined in claim 2, wherein said bonding points or lines are made through a thermal bonding process or an ultrasonic process.

7. Loop forming material as defined in claim 1, wherein said tows comprise polyester.

8. Loop forming material as defined in claim 1, wherein said tows comprise polyolefine, polyamide, cellulose acetates or other thermoplastic material.

9. Loop forming material as defined in claim 8, wherein said tows are made of Fiberfill^R.

10. Laminated assembly comprising a substrate on which is fixated a material comprising crimped tows of continuous filaments, said material having a thickness comprised between 0,1 mm and 3 mm and a weight comprised between 15 g/m² and 100 g/m².

11. Self gripper comprising a male part having hooking elements and a female part comprising a loop forming material, said material comprising crimped tows of continuous filaments and having a thickness comprised between 0,1 mm and 3 mm and a weight comprised between 15 g/m² and 100 g/m².

12. Self gripper comprising a male part having hooking elements and a female part comprising a laminated assembly comprising a substrate on which is fixed a material comprising crimped tows of continuous filaments, said material having a thickness comprised between 0,1 mm and 3 mm and a weight comprised between 15 g/m² and 100 g/m², the fixation being made through lamination by an adhesive, through thermal bonding or ultrasonic bonding.

13. Diaper comprising a self gripper comprising a male part having hooking elements and a female part comprising a material comprising crimped tows of continuous filaments and having a thickness comprised between 0,1 mm and 3 mm and a weight comprised between 15 g/m² and 100 g/m².

14. Diaper comprising a self gripper comprising a male part having hooking elements and a female part comprising a laminated assembly comprising a substrate on which is fixated a material comprising crimped tows of continuous filament, said material having a thickness comprised between 0,1 mm and 3 mm and a weight comprised between 15 g/m² and 100 g/m², the fixation being made through lamination by an adhesive, through thermal bonding or ultrasonic bonding.

15. Manufacturing method of a loop forming material, wherein it comprises the steps of opening and deregistering crimped tows of continuous filament to obtain a predetermined thickness and a predetermined weight for said loop forming material.

16. Manufacturing method as defined in claim 15, wherein it comprises the steps of making a thermal bonding at points of said tows to define a pattern of bonding points or lines to keep the loops opened and deregistered.

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